

FIG. 1

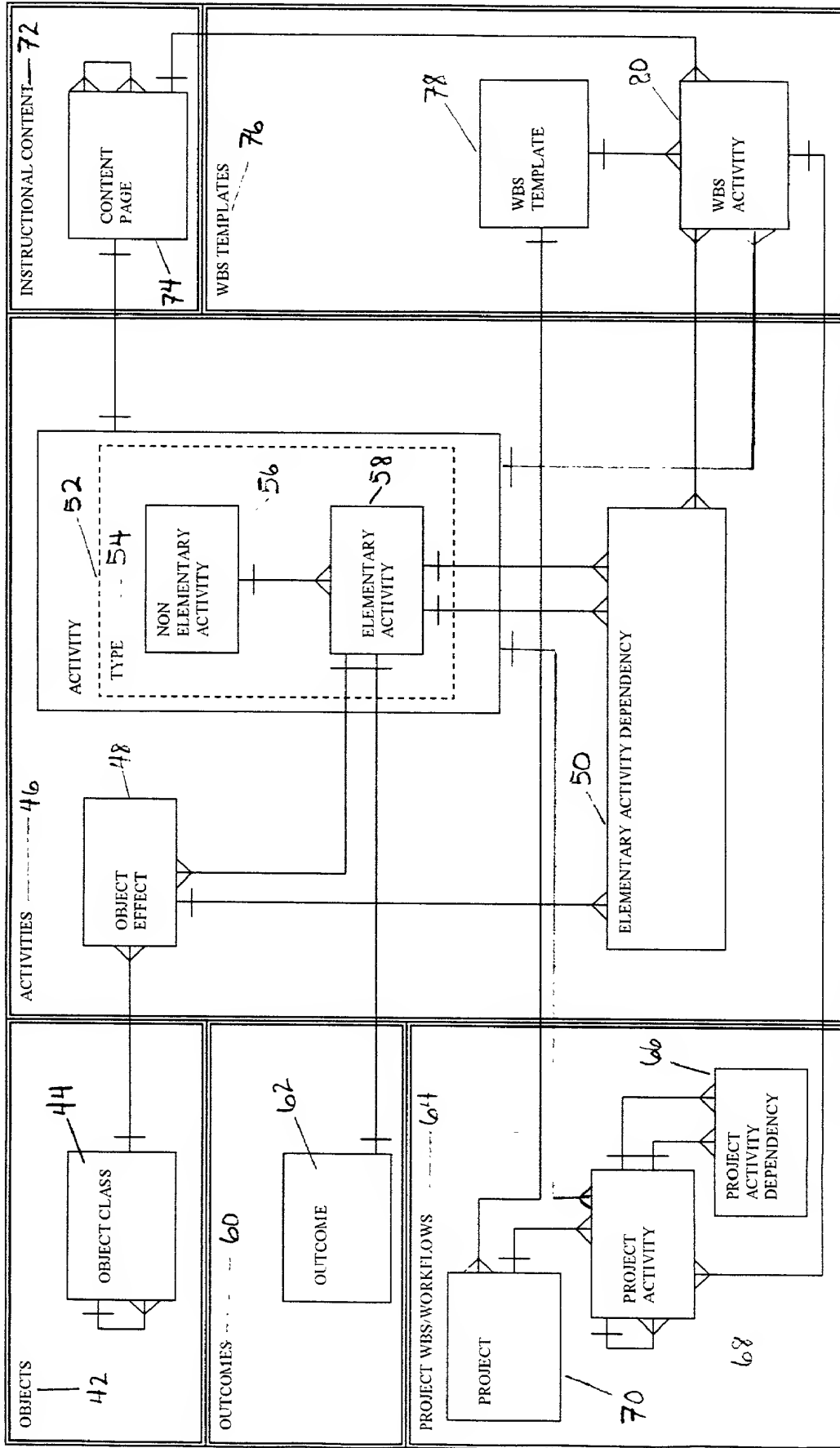
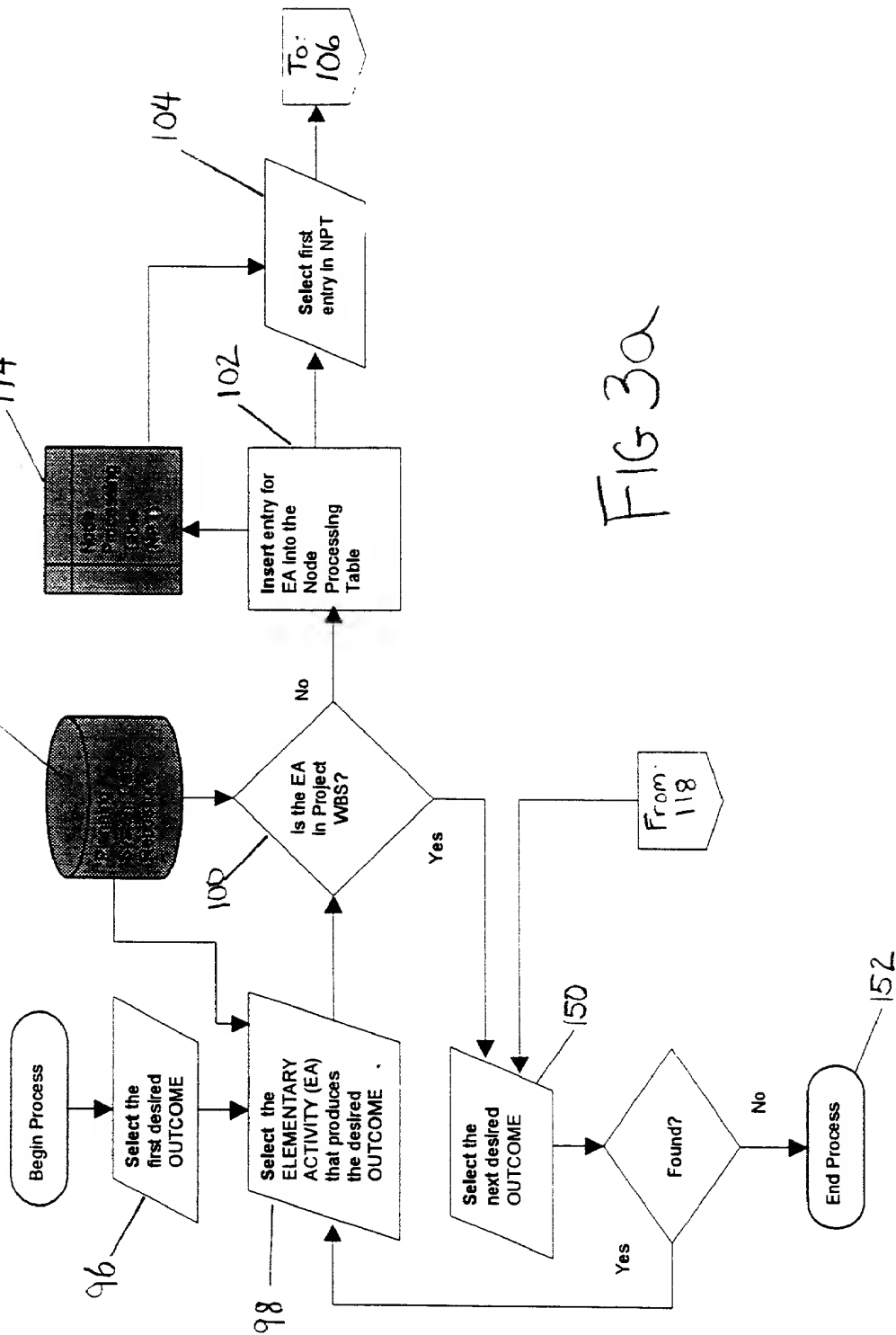
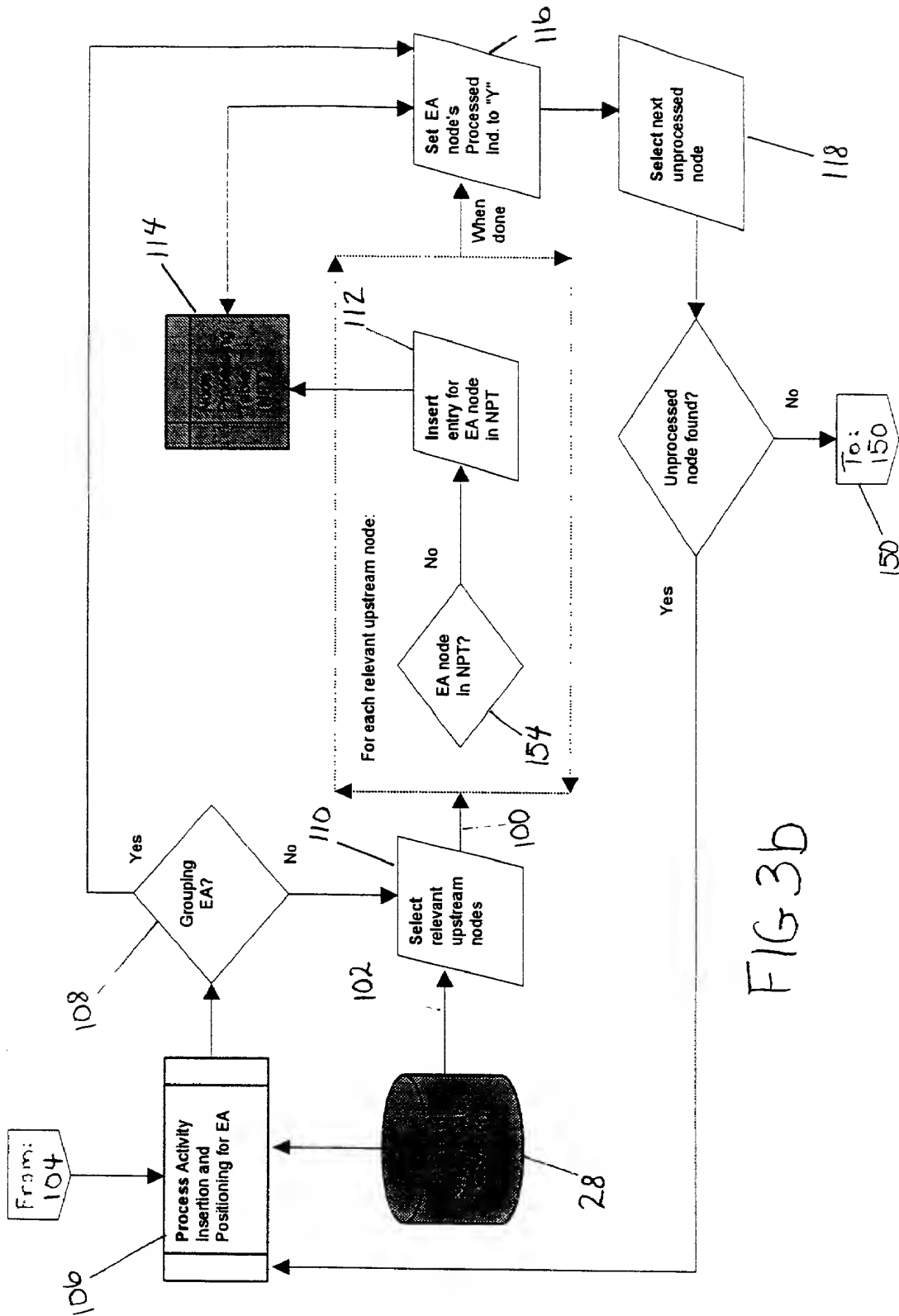


FIG 2

FIG. 3a is a flowchart illustrating a process for selecting an elementary activity (EA) that produces a desired outcome. The process begins with a 'Begin Process' oval (152), followed by a parallelogram 'Select the first desired OUTCOME' (96). This leads to a parallelogram 'Select the ELEMENTARY ACTIVITY (EA) that produces the desired OUTCOME' (98). From 98, the flow enters a decision diamond 'Is the EA in Project WBS?' (100). If 'No', the flow goes to a parallelogram 'Insert entry for EA into the Node Processing Table' (102), then to a parallelogram 'Select first entry in NPT' (104), and finally to a hexagon 'To: 106'. If 'Yes', the flow goes to a parallelogram 'Select the next desired OUTCOME' (150), then to a decision diamond 'Found?' (152). If 'Yes', the flow loops back to 98. If 'No', the flow goes to a hexagon 'From: 118', which then loops back to 150. A cylinder database symbol (114) is connected to the 'Is the EA in Project WBS?' (100) decision diamond.

FIG 3a





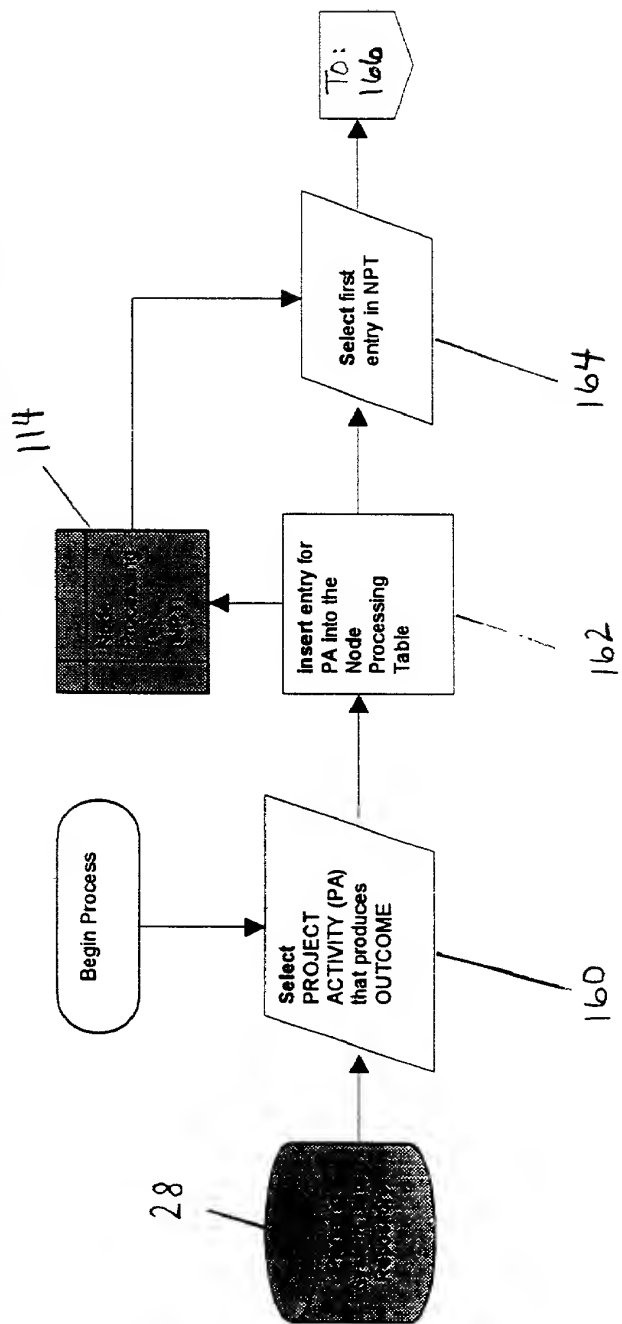


FIG 4a

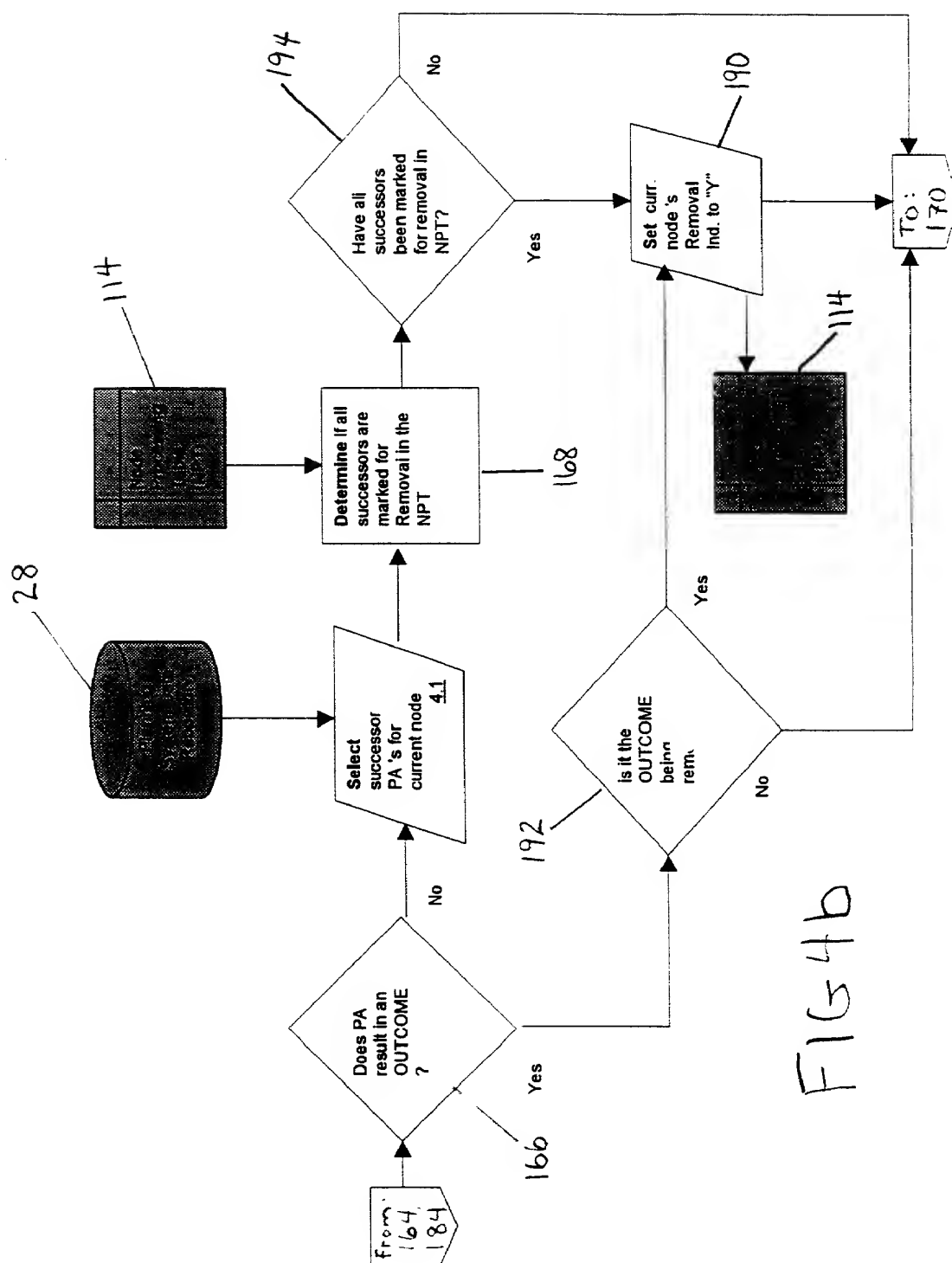


FIG. 4C is a flowchart illustrating a process for removing a Project Activity (PA) from a Project Network Table (NPT) based on its grouping and upstream nodes.

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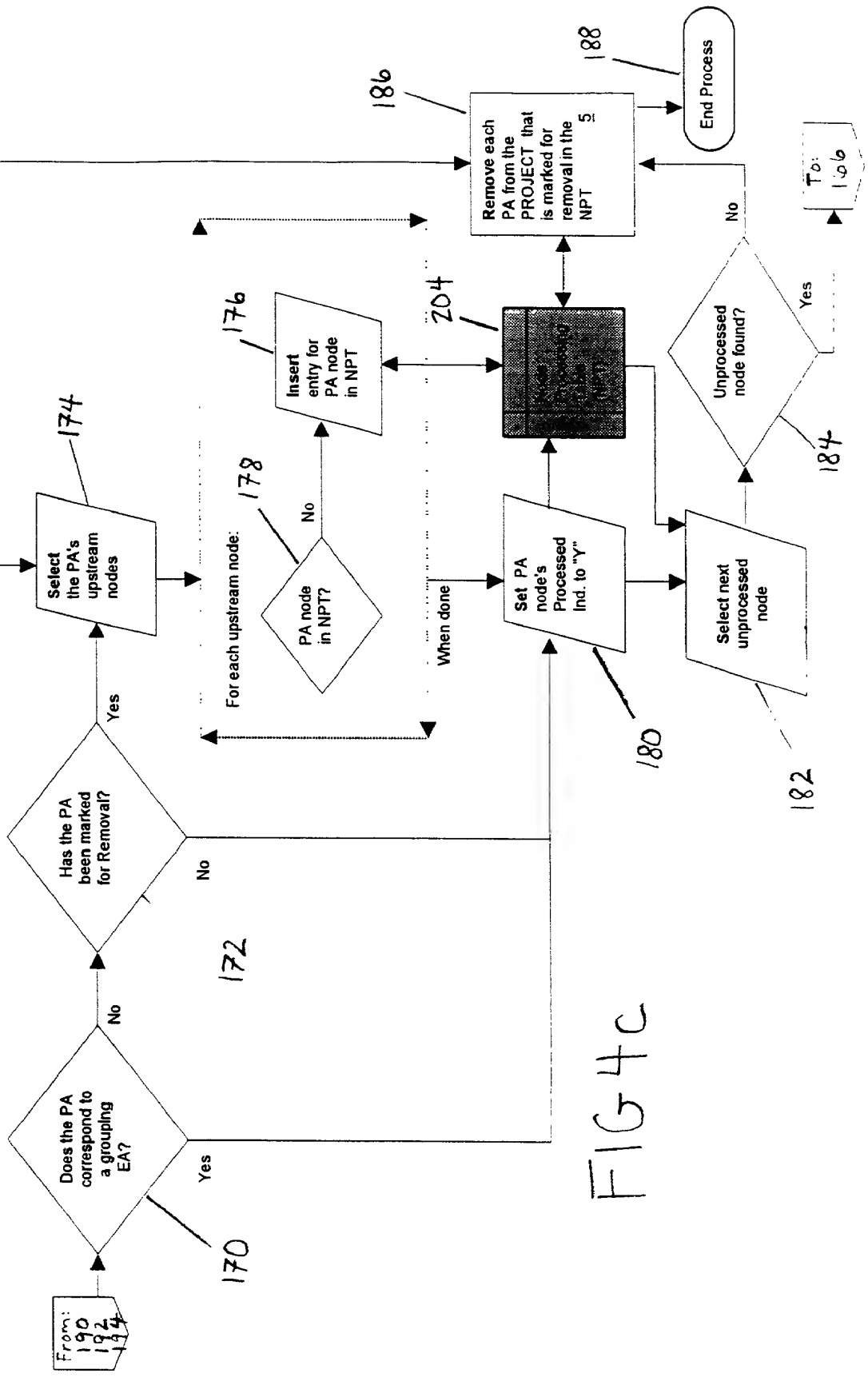
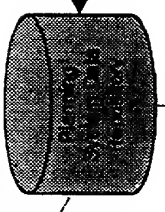


FIG 4C

Controlling WBS	Grouping Activity?	Outcome Produced	Predecessors
1	Stage 1		
2	Phase A		
3	Task A1		
4	EA A1.1		4
5	EA A1.2		5
6	EA A1.3		6
7	Task A2		
8	EA A2.1		6
9	EA A2.2		6
10	EA A2.3		6
11	EA A2.4		10
12	EA A2.5		11
13	Phase B		
14	Task B1		
15	EA B1.1		8
16	EA B1.2		15
17	EA B1.3		16
18	Stage 2		
19	Phase C		
20	Task C1		
21	EA C1.1		12,17
22	EA C1.2		21
23	EA C1.3		22

FIG 50a

FIG 5b

FIG 5b

Project WBS and Work Flow

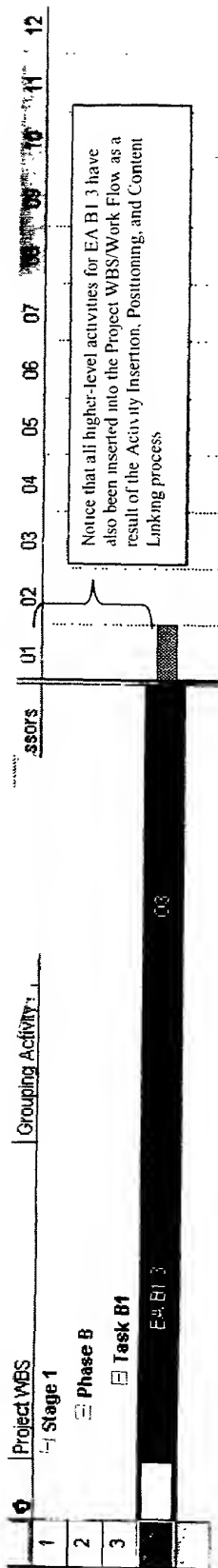


FIG 5c

Project WBS/Work Flow

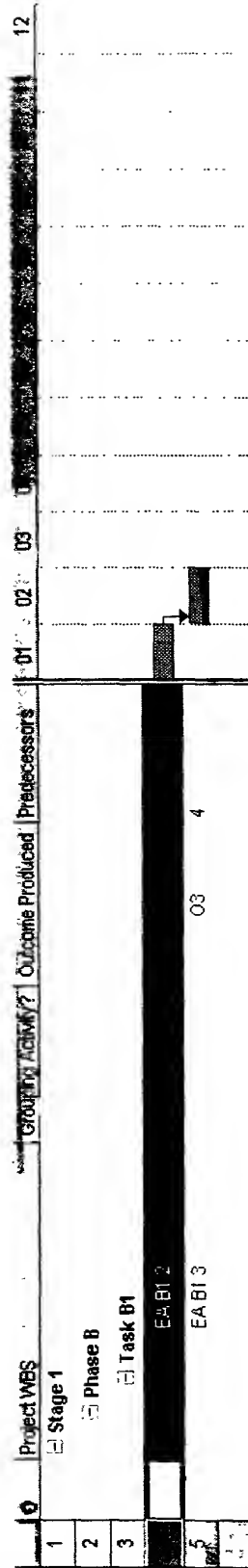
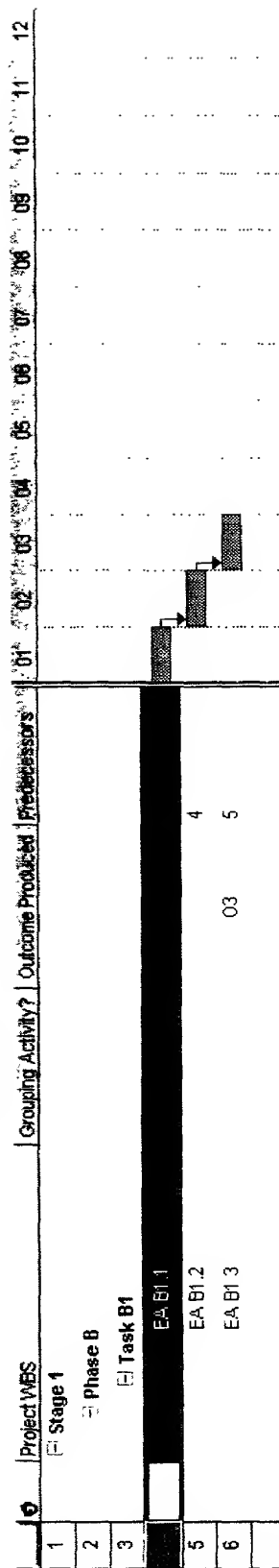


FIG 5d

Project WBS/Work Flow



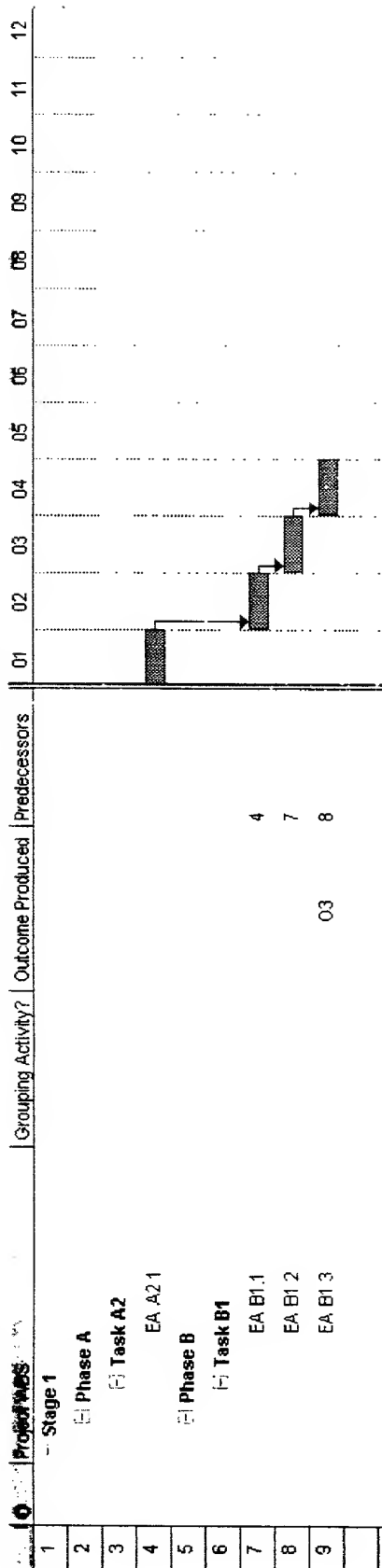


FIG 5e

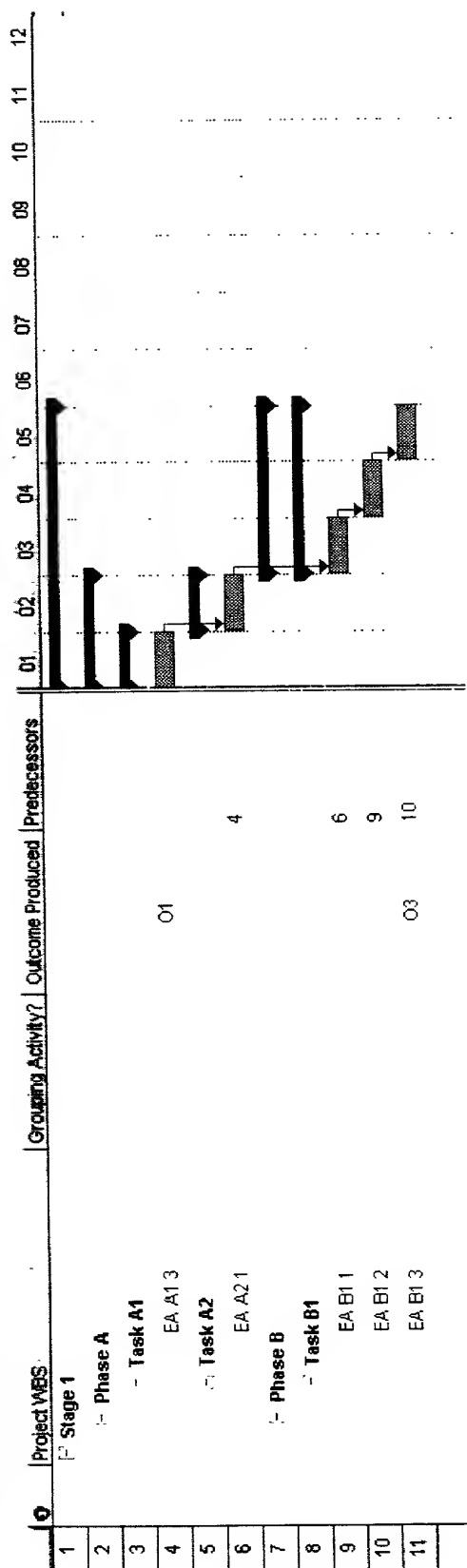


FIG 5f

Project WBS Work Flow

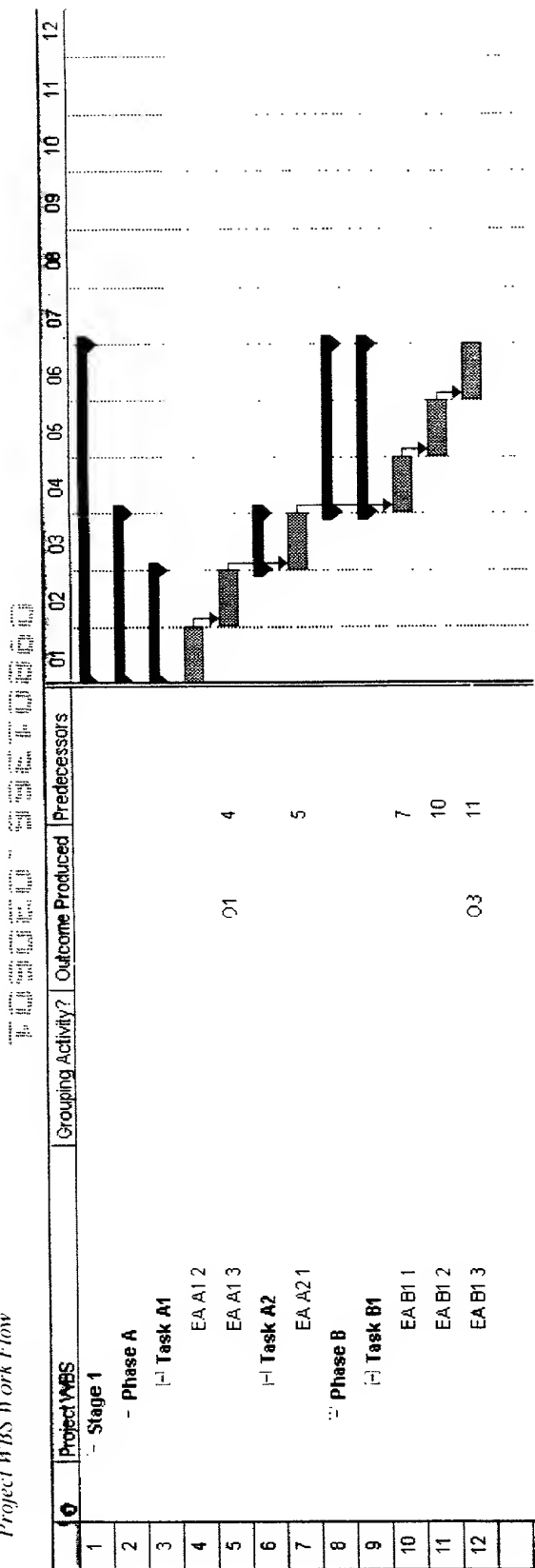


FIG 5g

Project WBS Work Flow

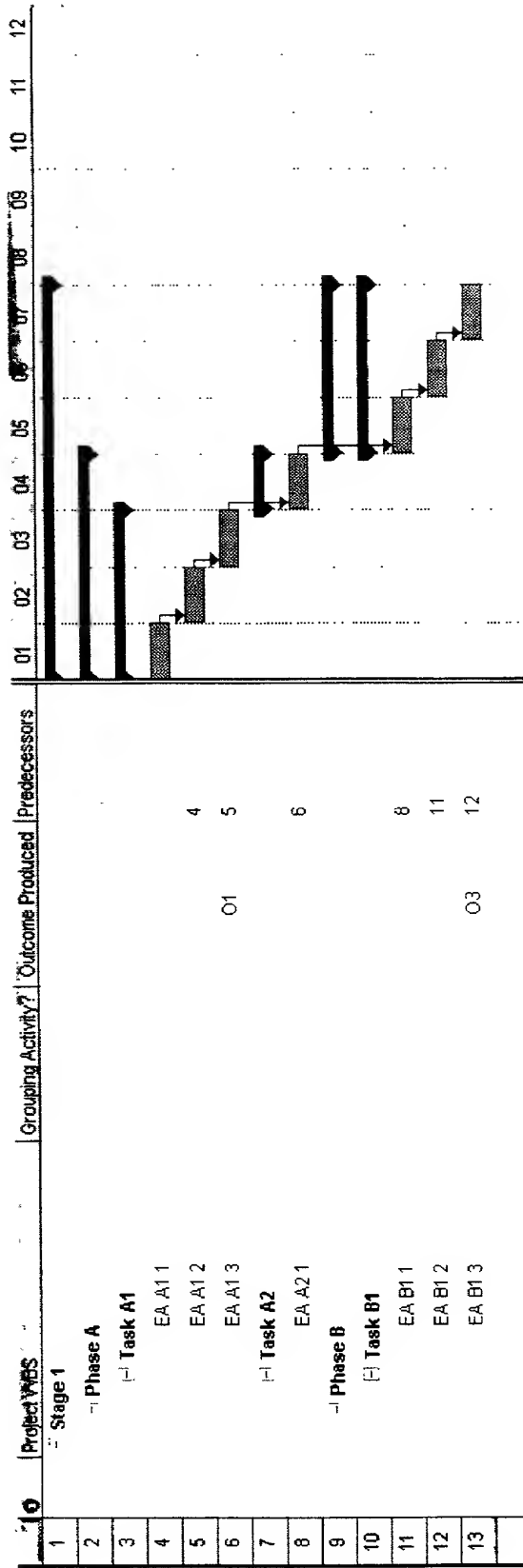


FIG 5h

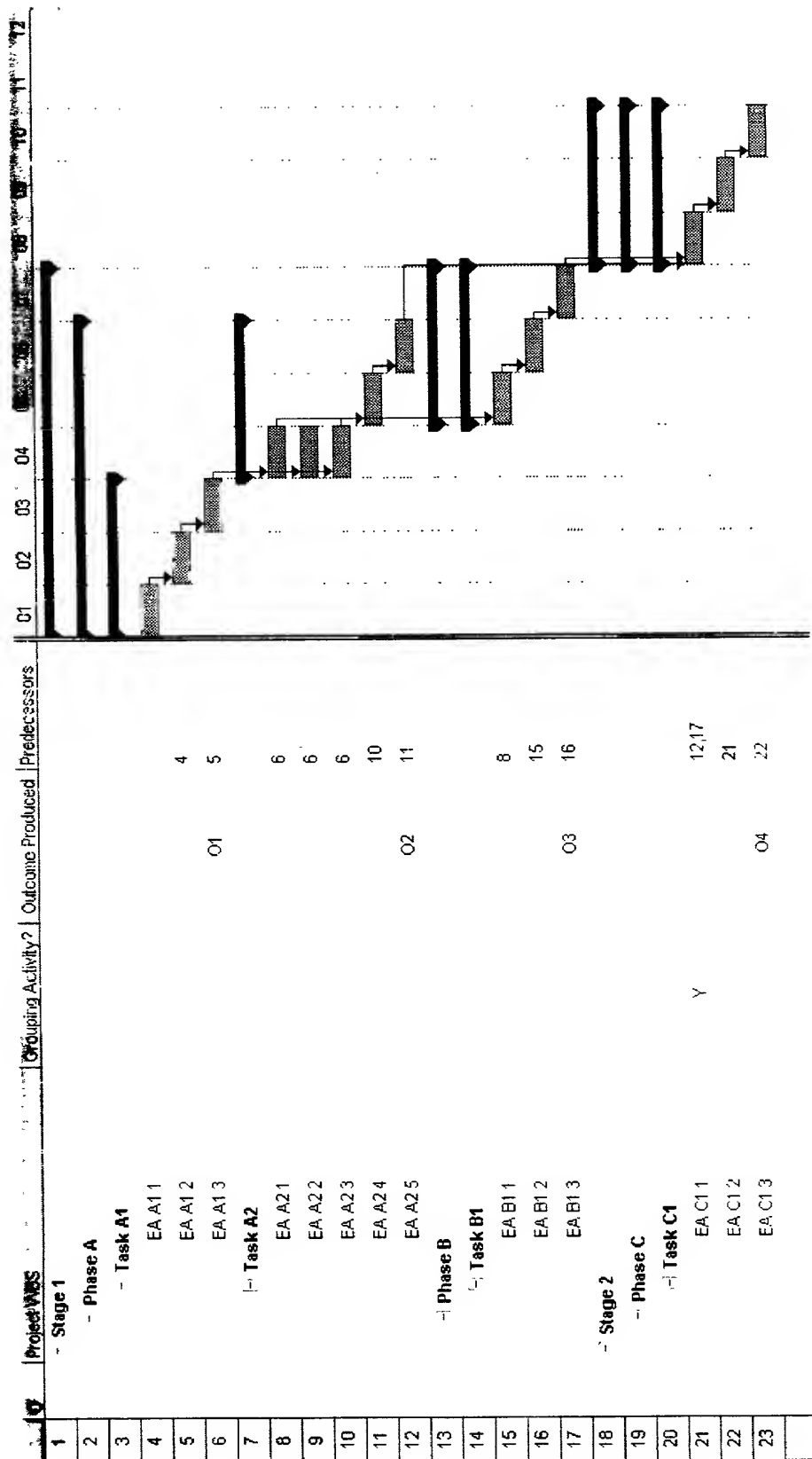


FIG 6a

Project WBS/Work Flow

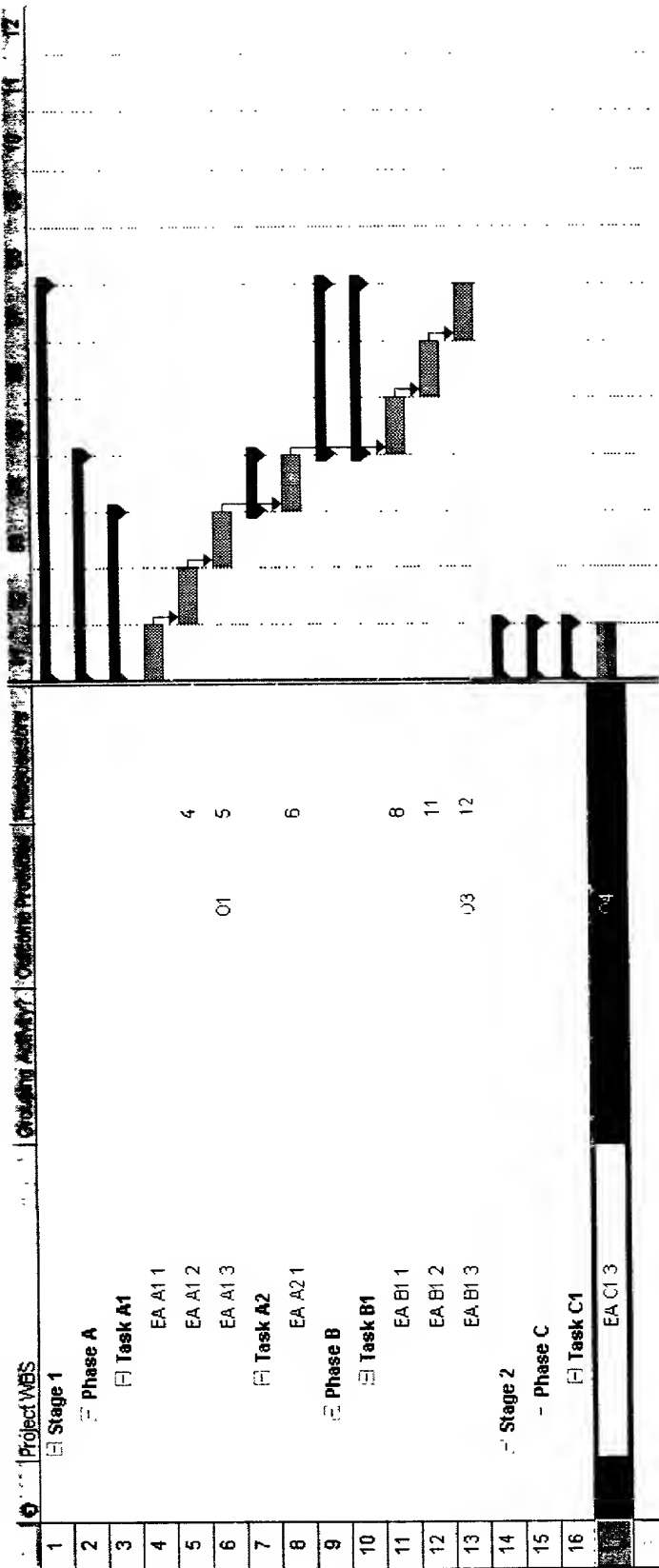


FIG 6b

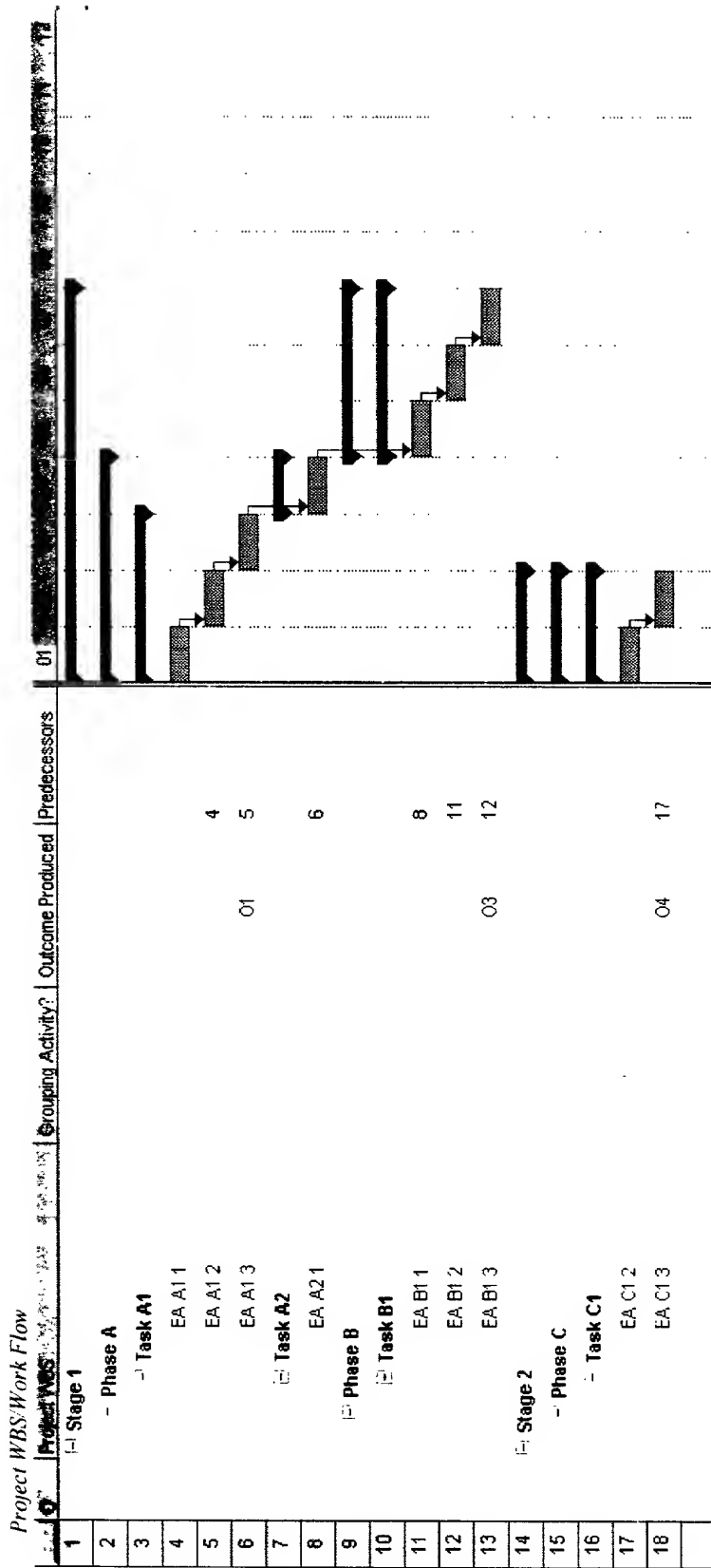


FIG 6C

Project WBS/Work Flow

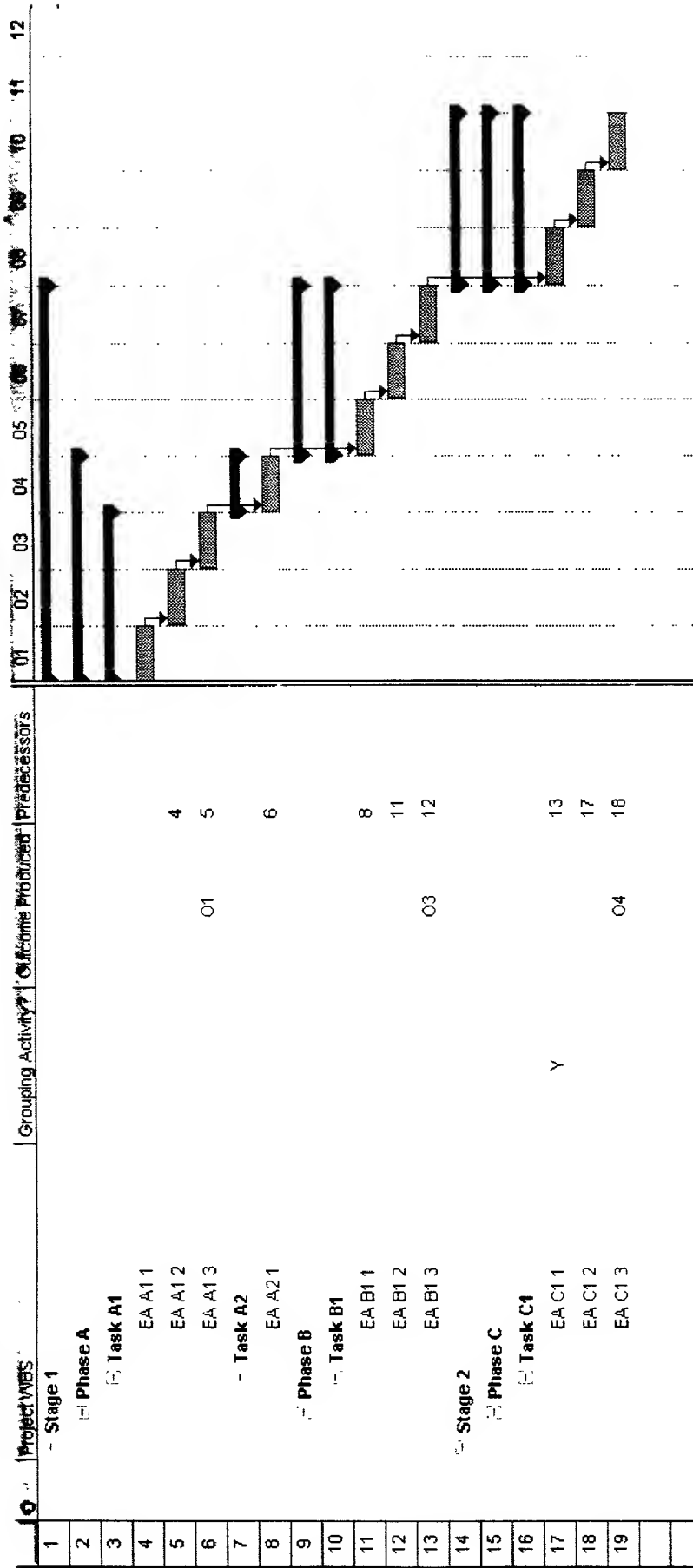


FIG 6d

Project WBS

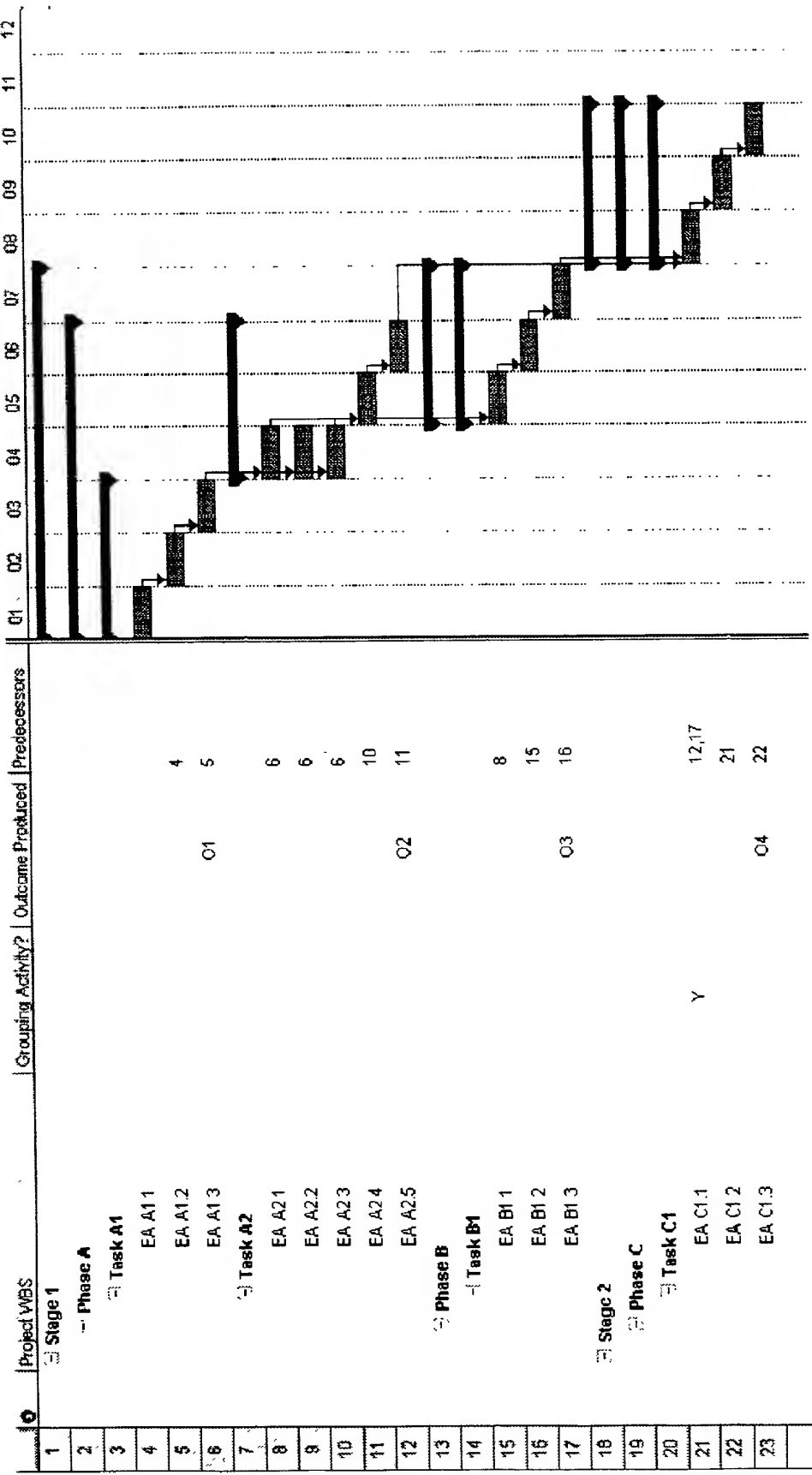


FIG 7a

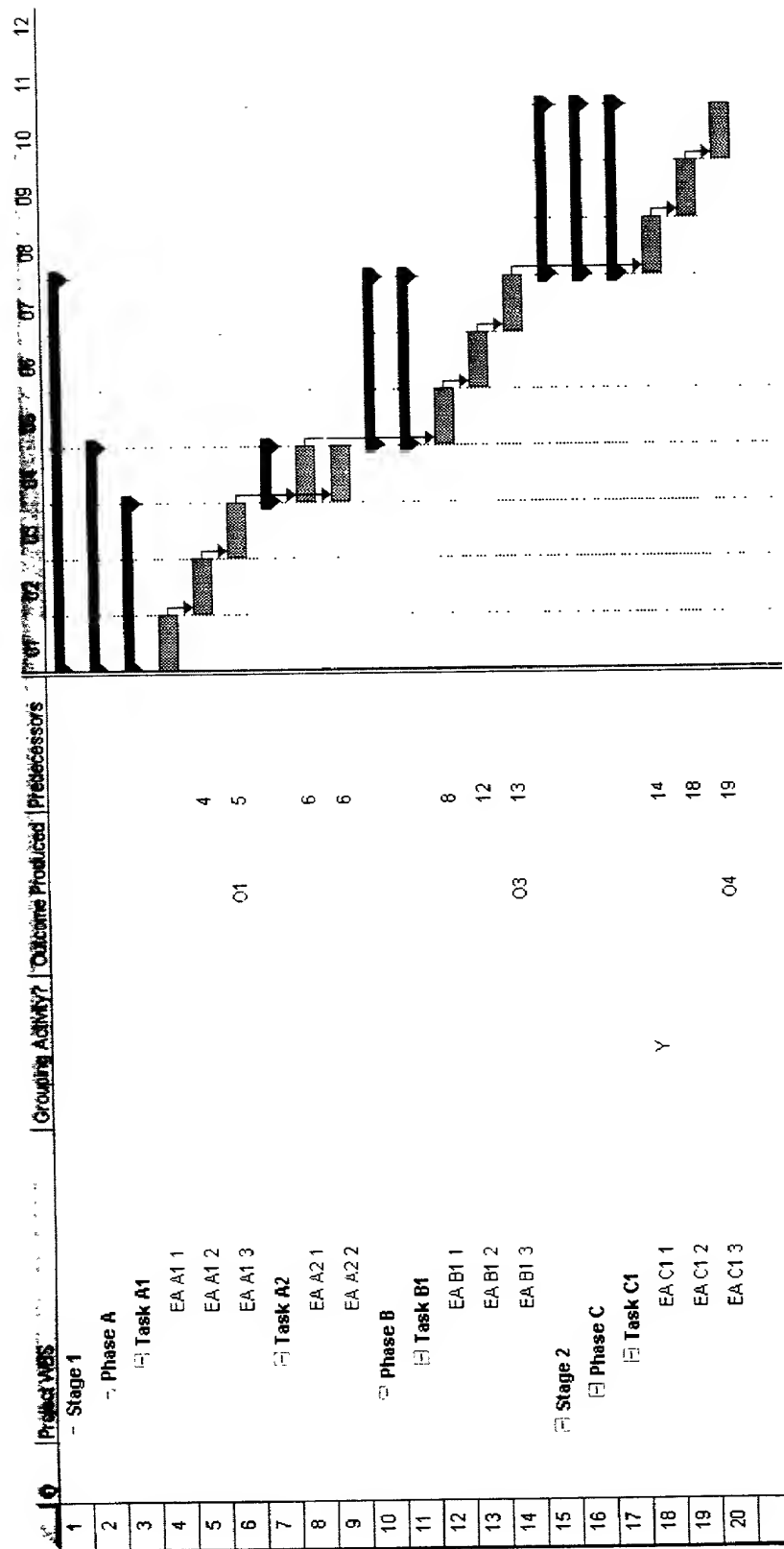


Fig 7a